

FIG. 1

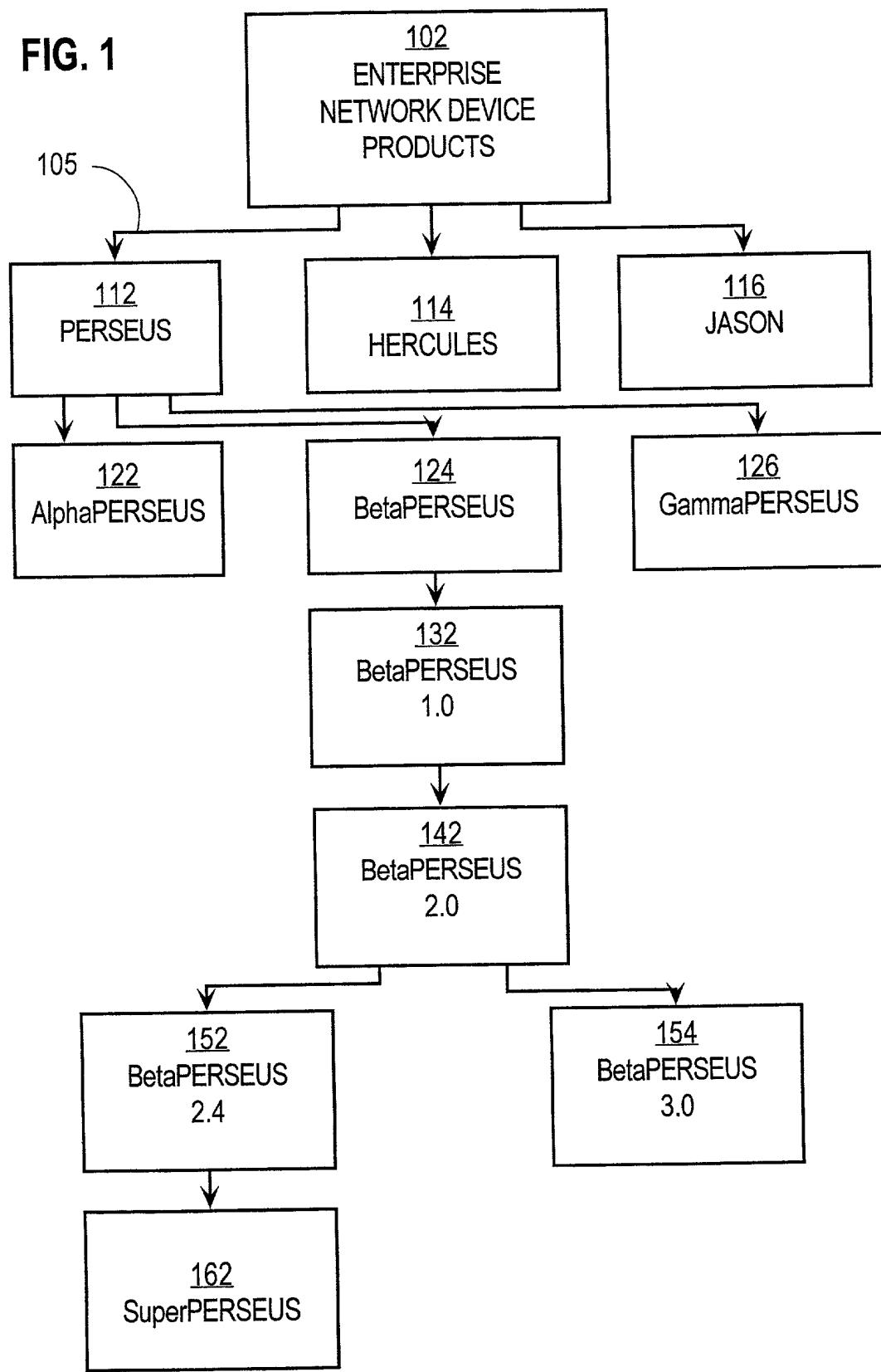


FIG. 2A

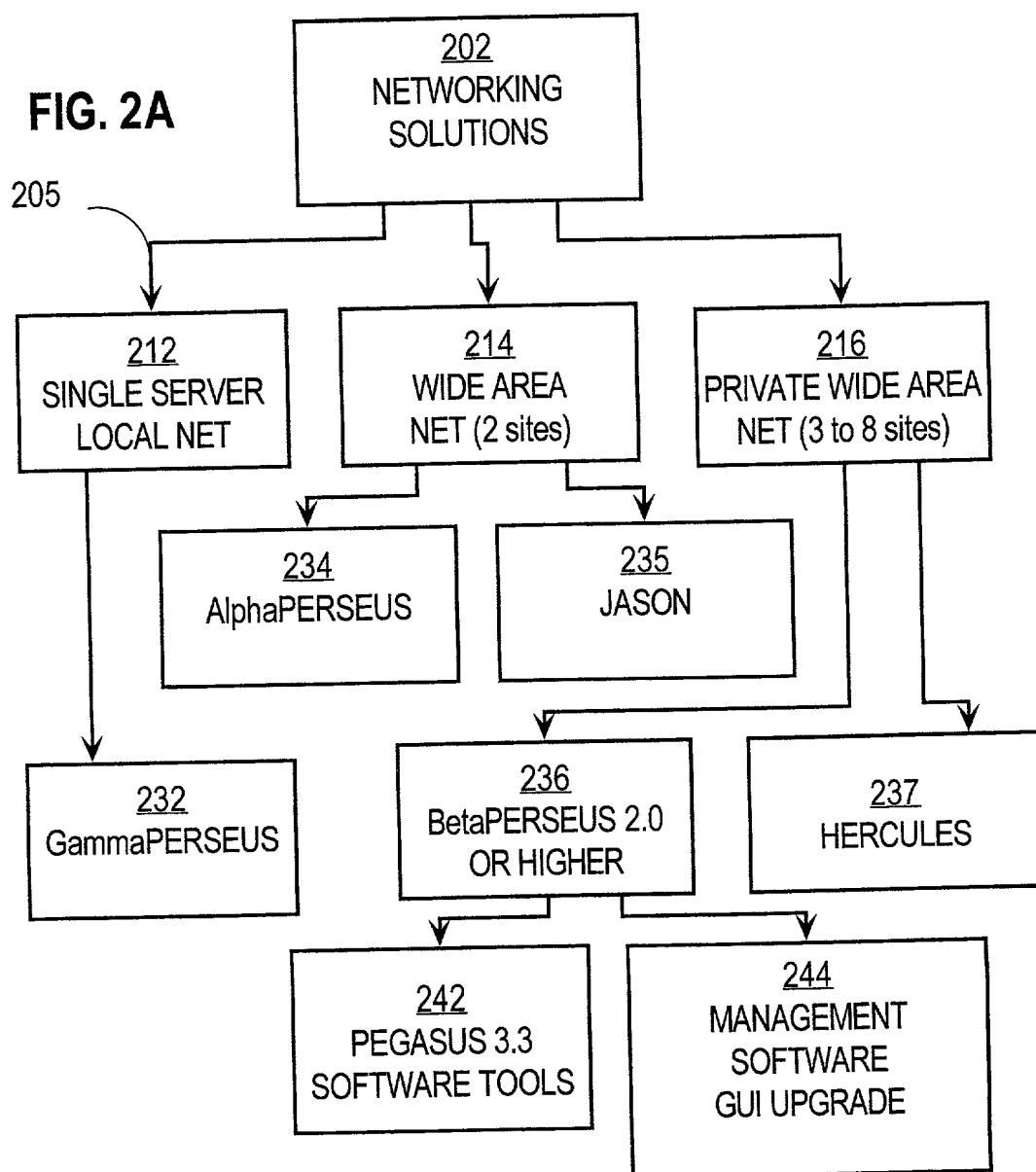


FIG. 2B

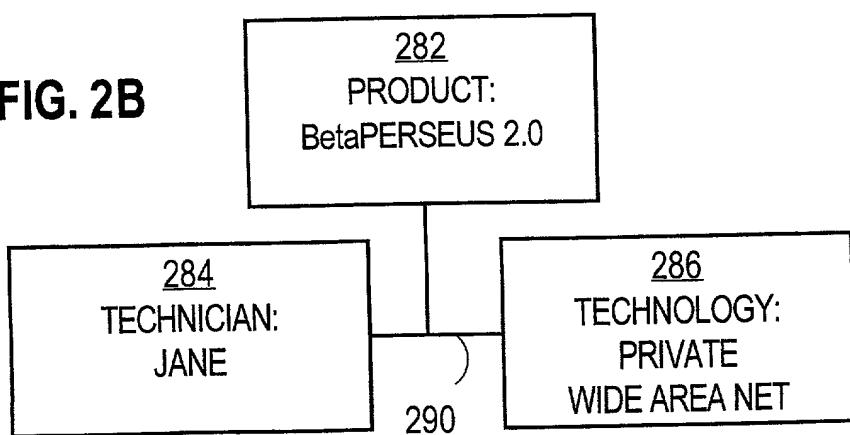


FIG. 3

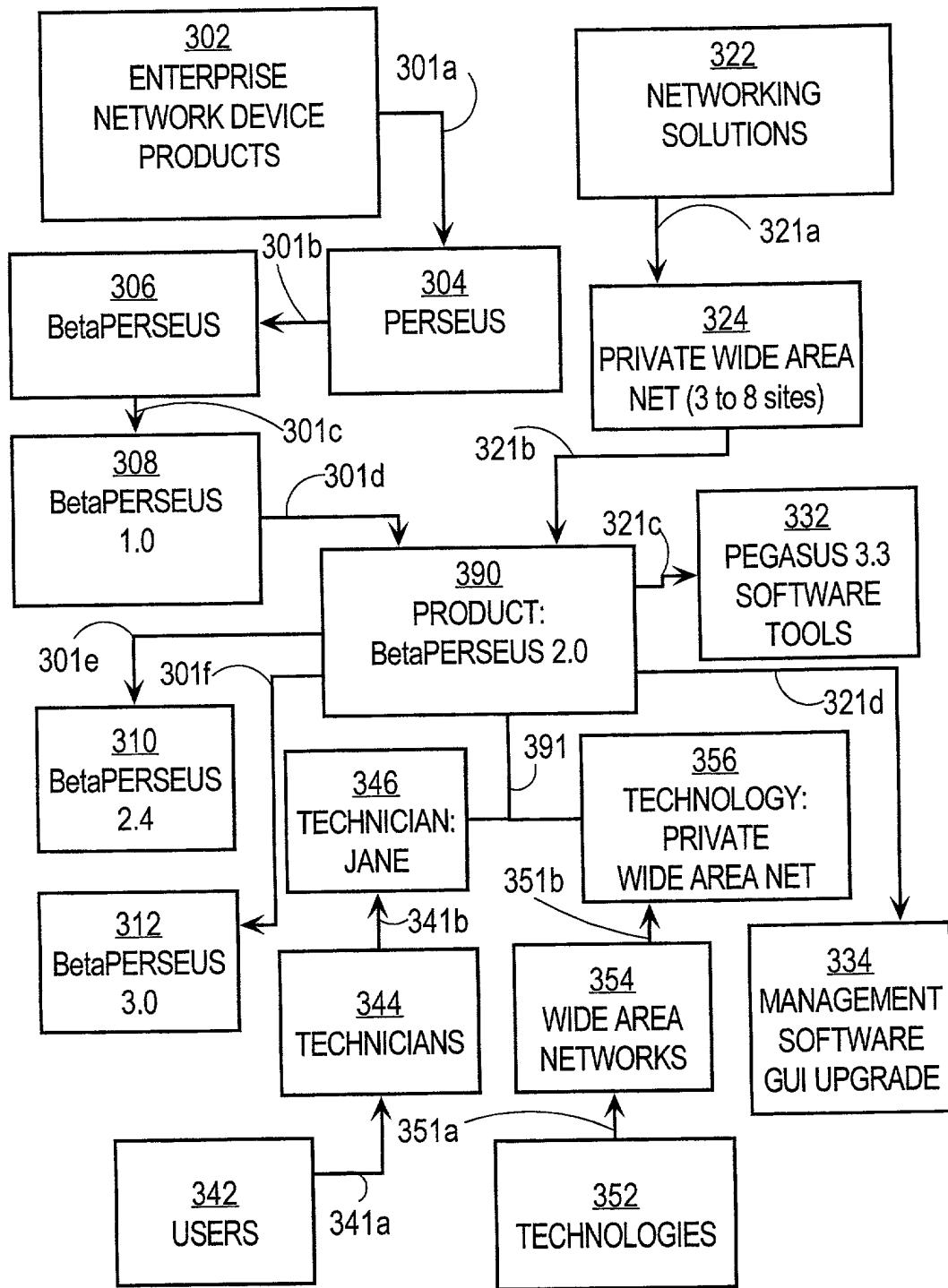


FIG. 4A

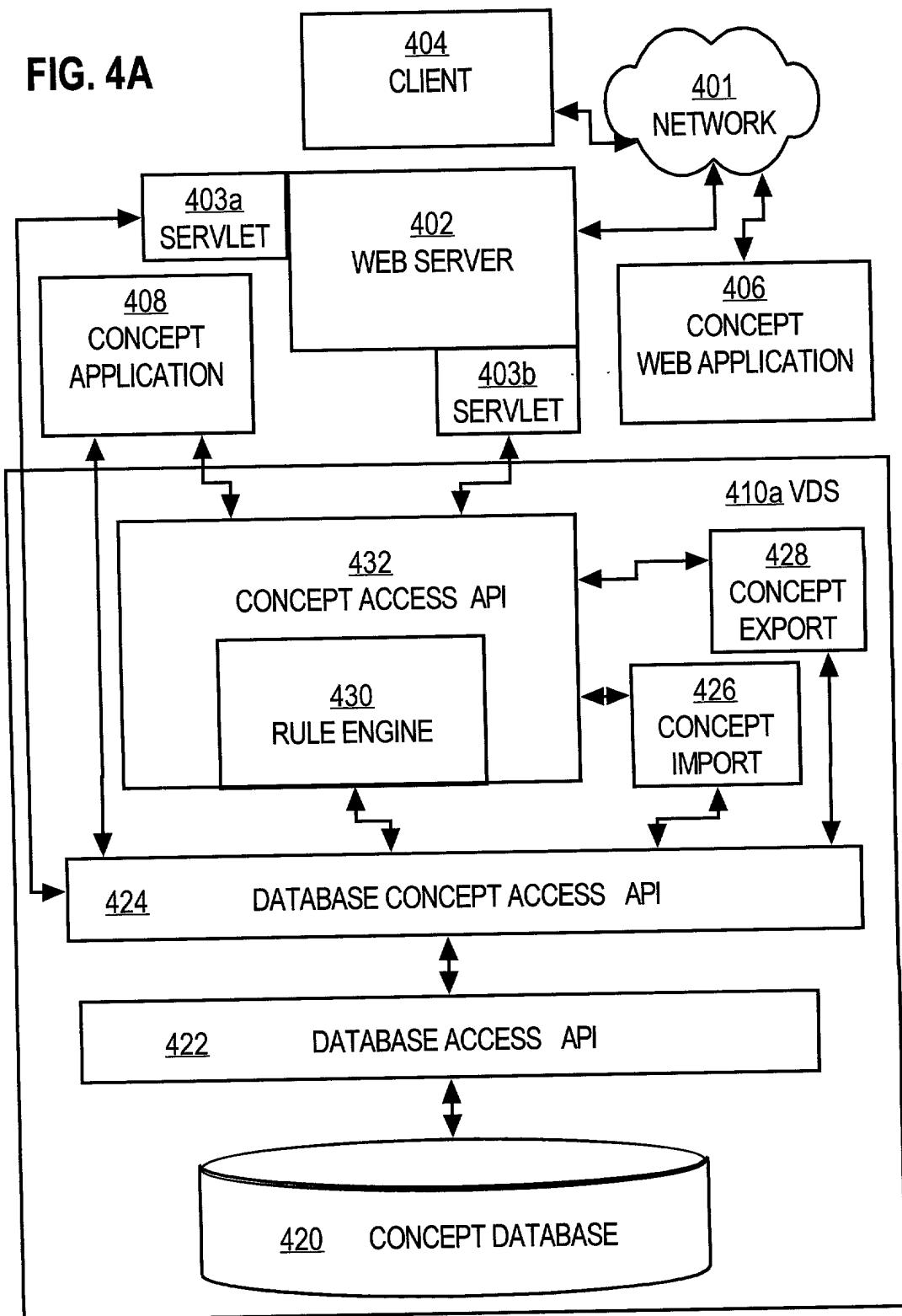


FIG. 4B

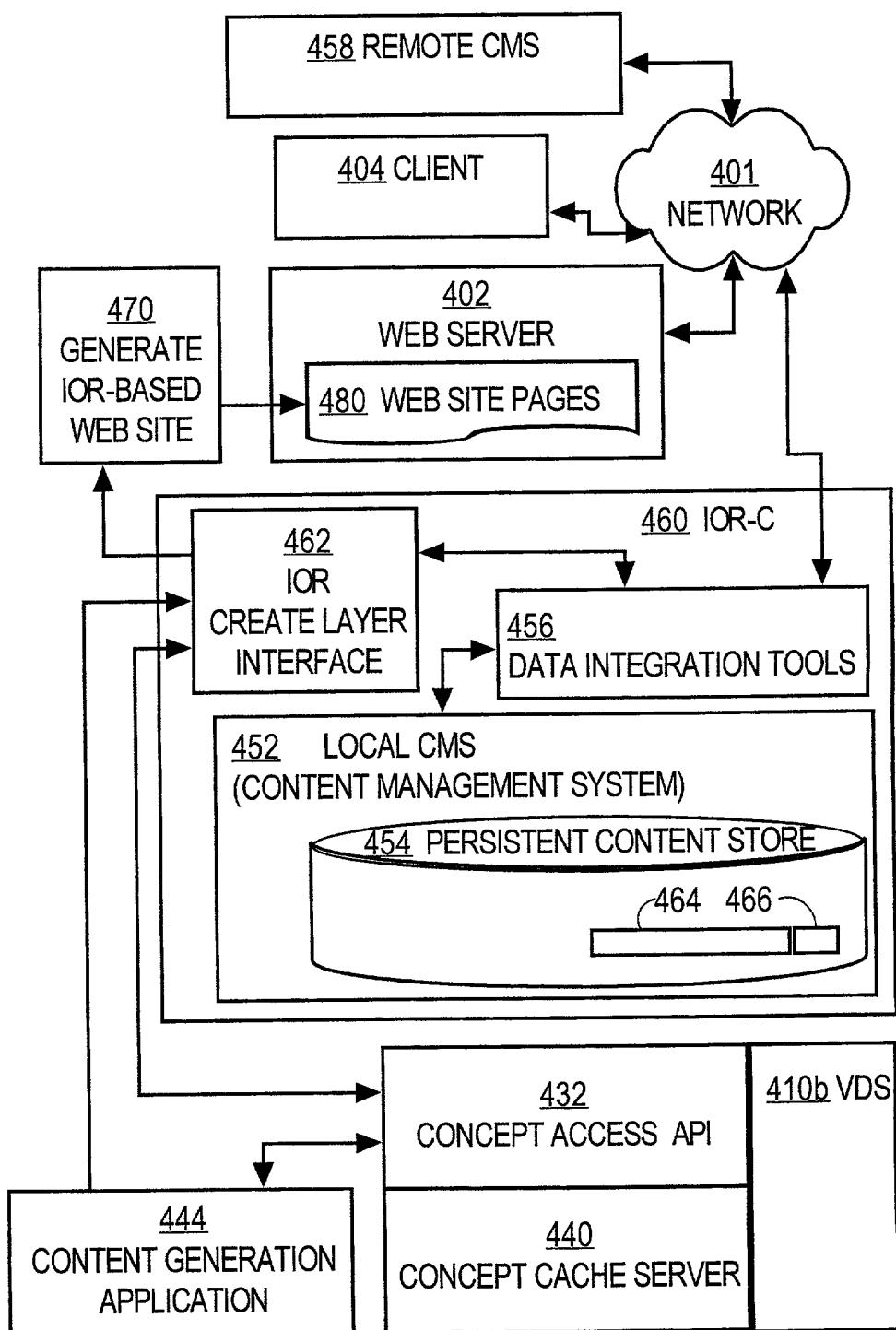


Fig. 4C

Binary Tree representation

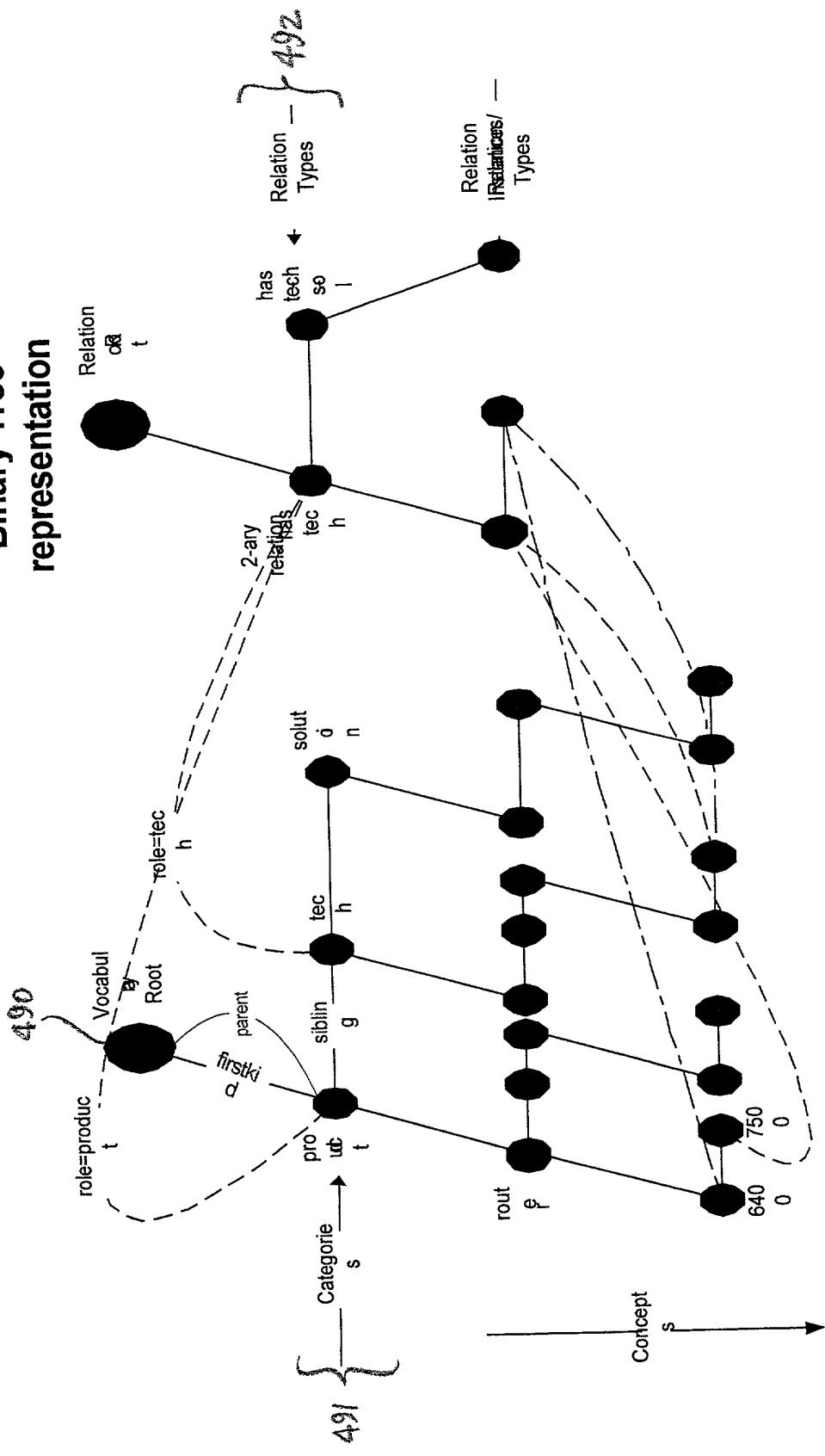
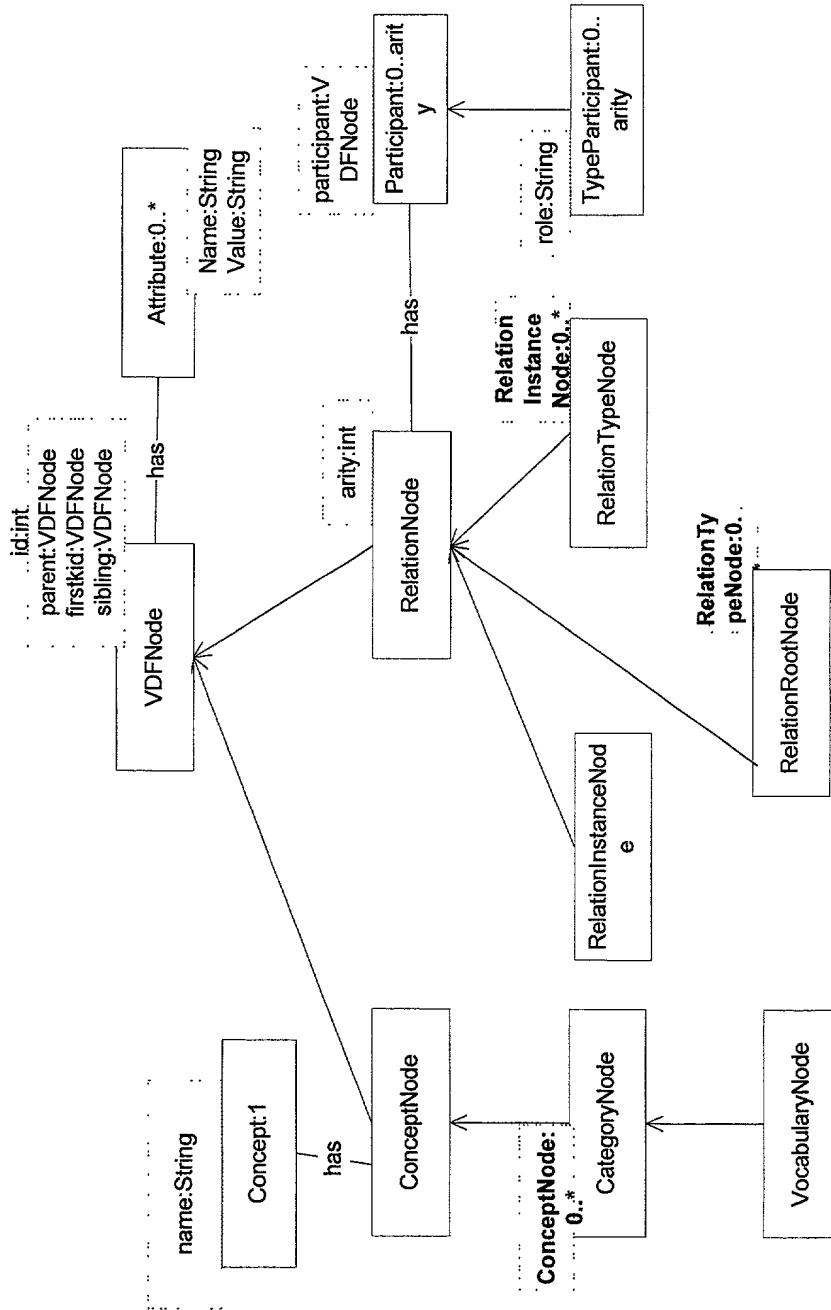
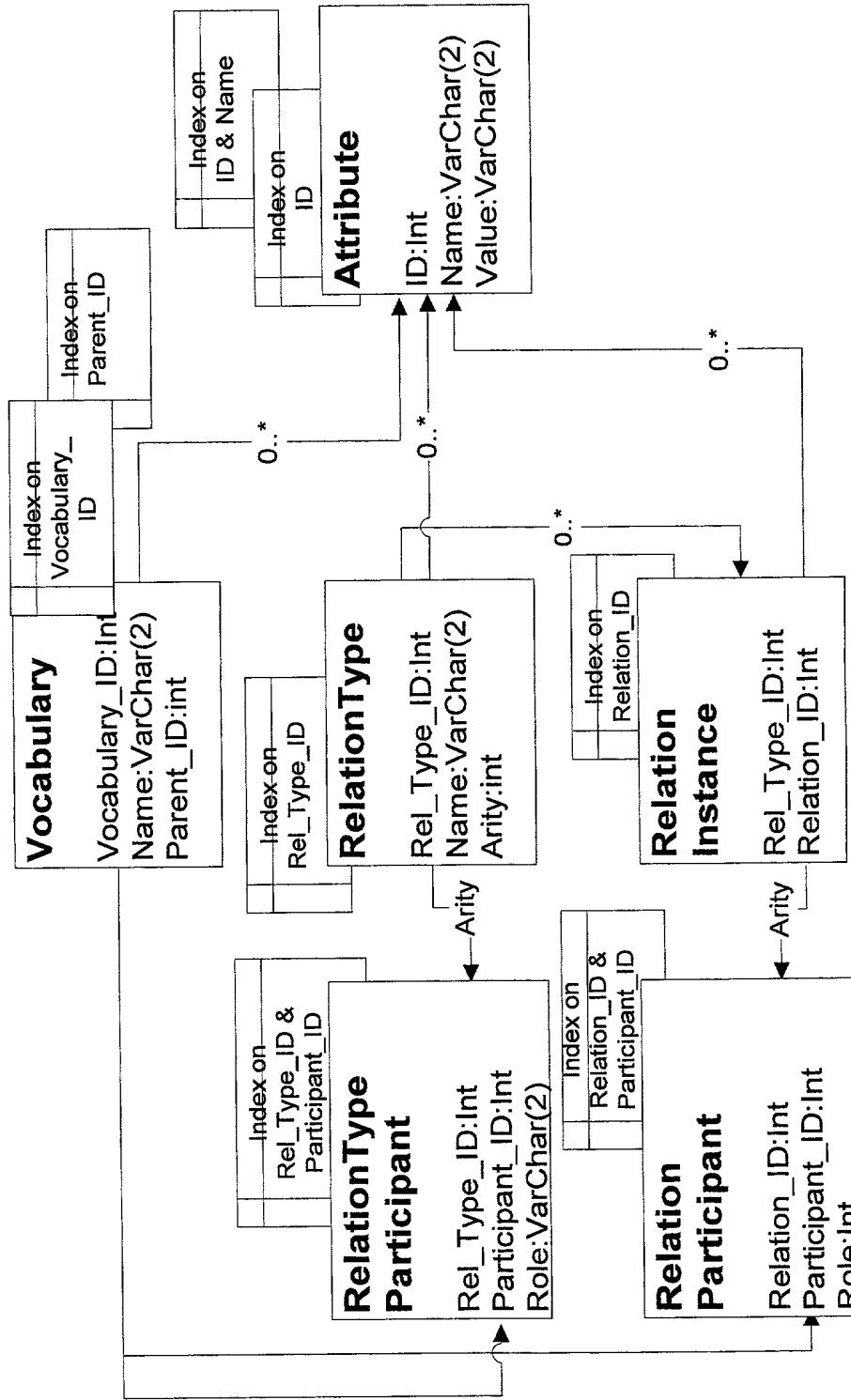


Fig. 4D



Class hierarchy of MDF Data Structure

Fig. 4E



MDF Server Persistent Tables

Fig. 4F

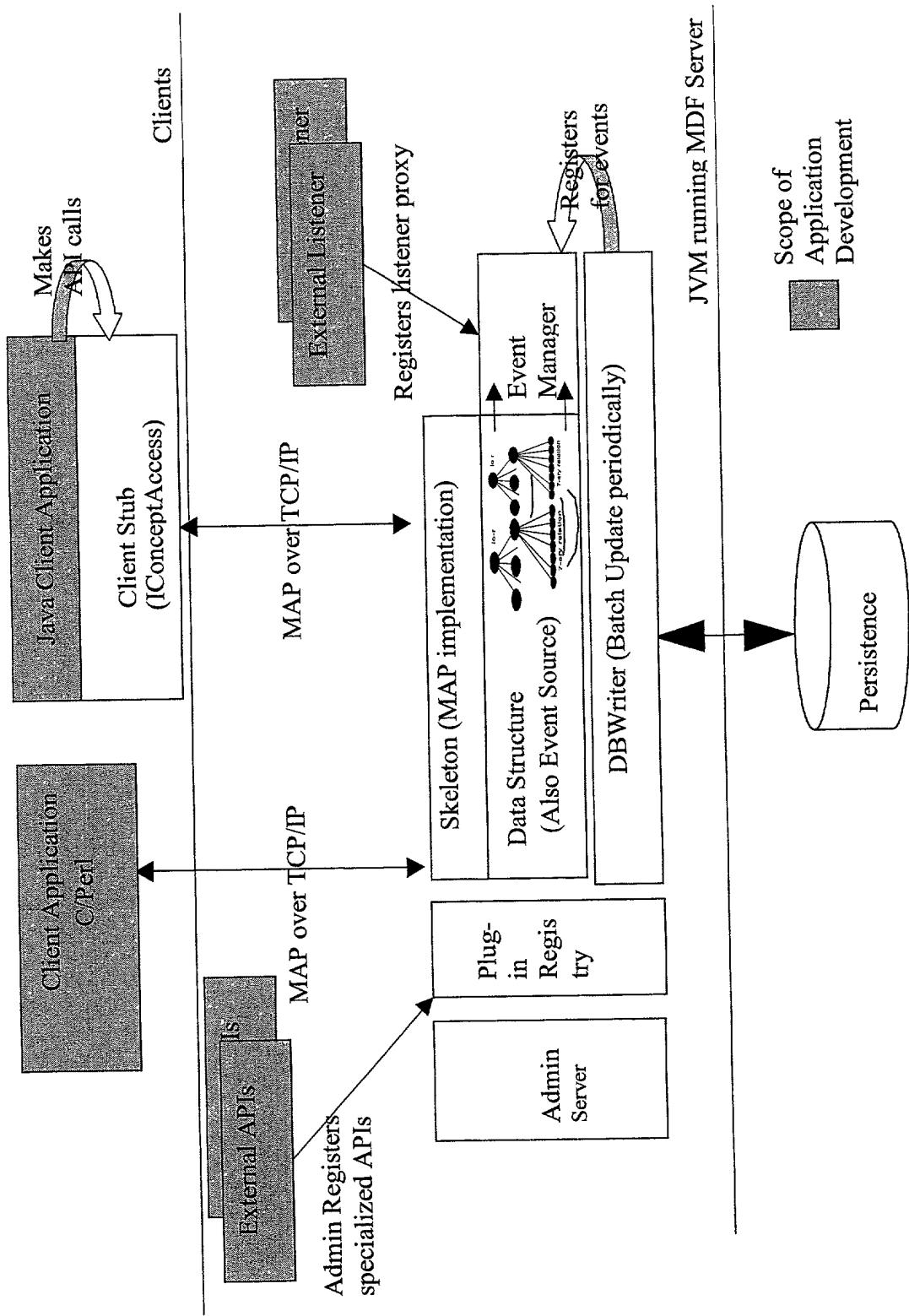
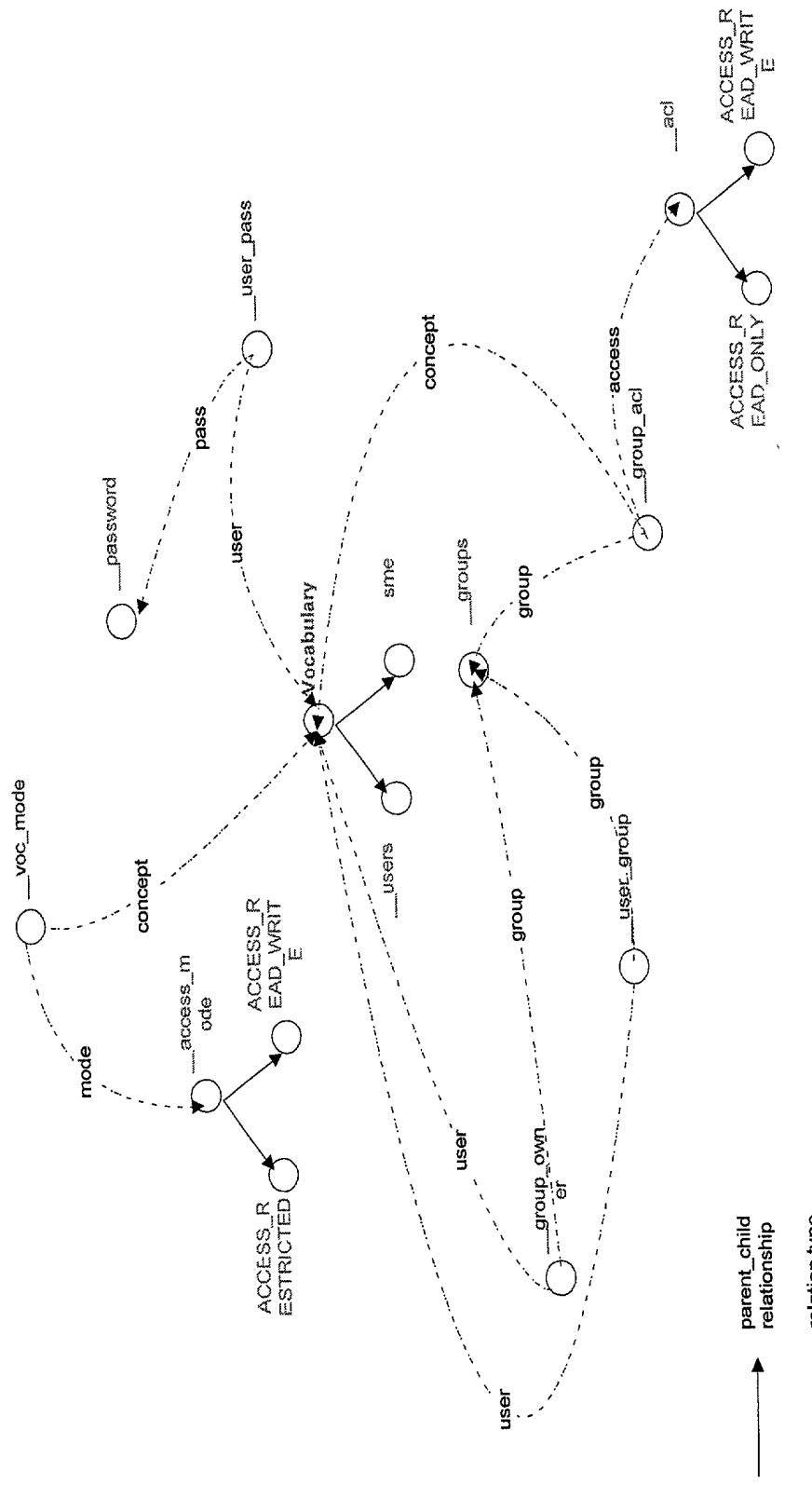


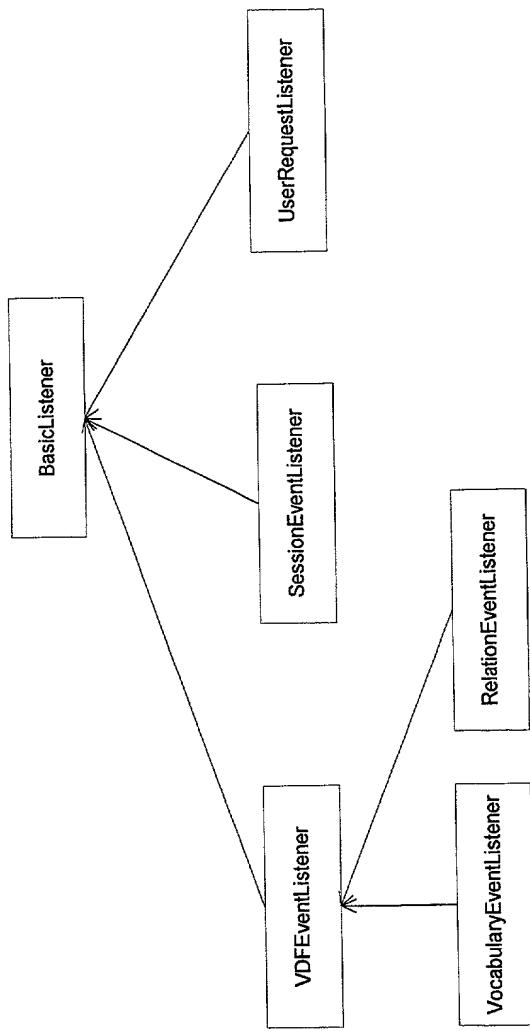
Fig. 4G



Note: Vocabulary as Relationship participant includes
Relationship Types and instances.

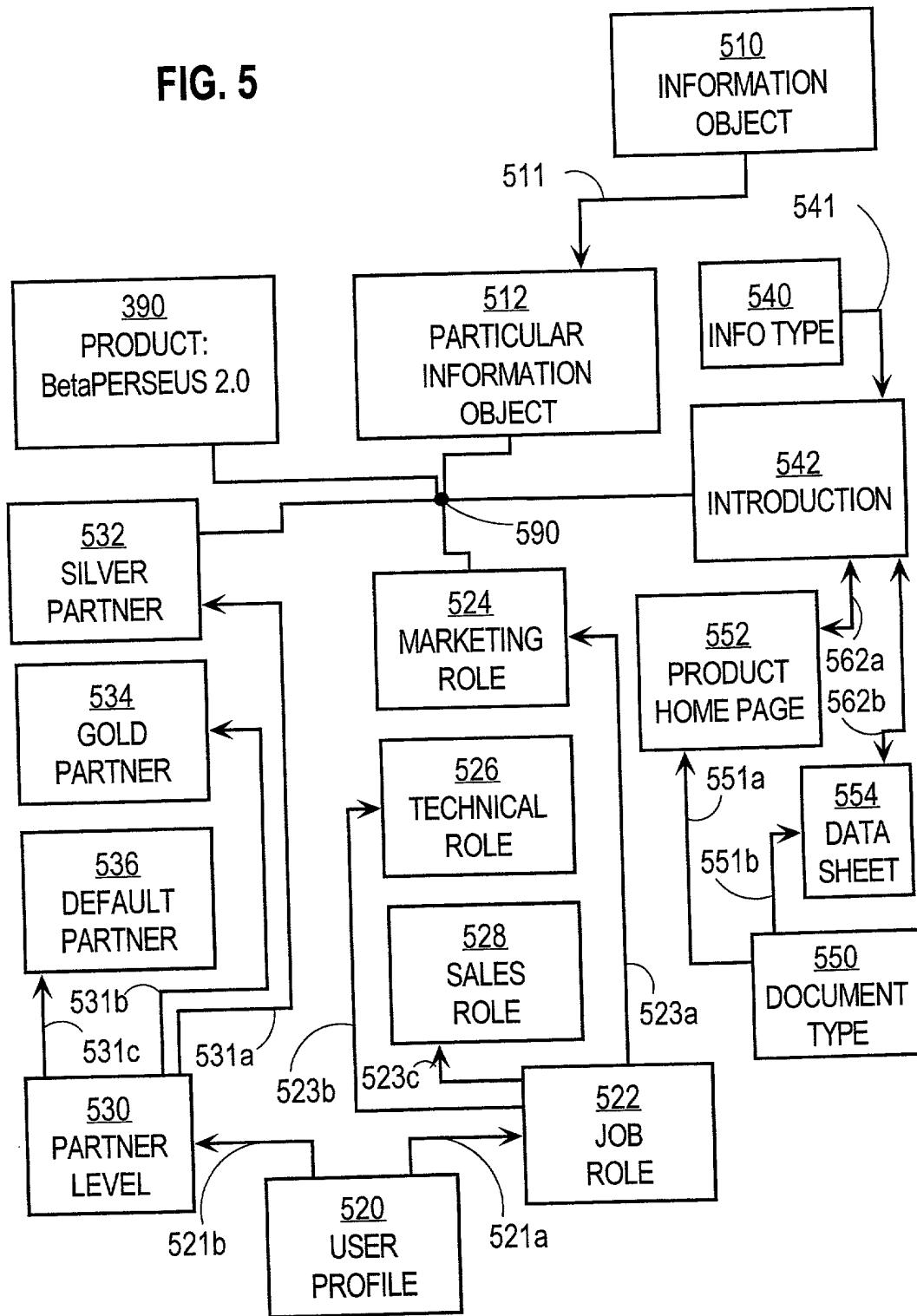
ACL in VDS

Fig. 4H



Class hierarchy of VDS Event mechanism

FIG. 5



601

FIG. 6A

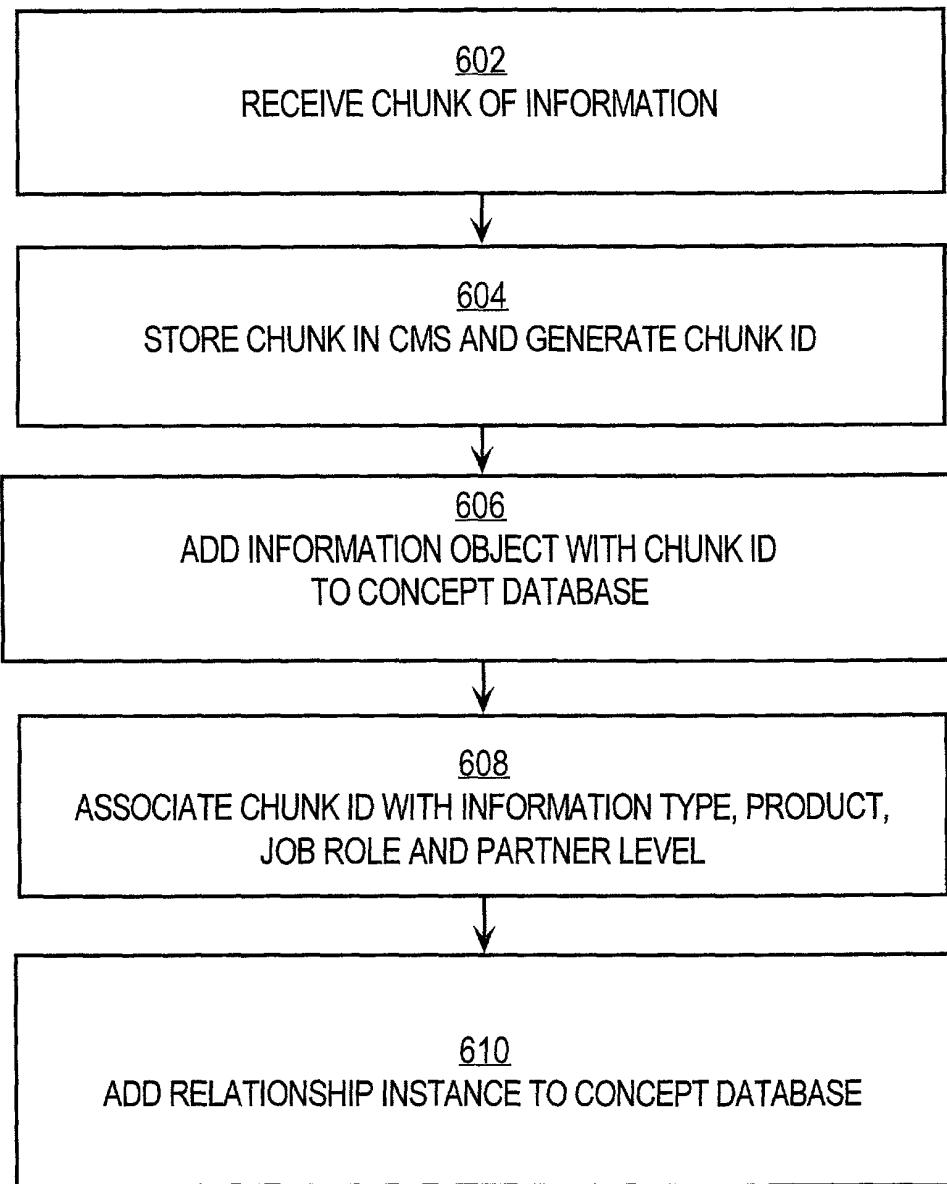


FIG. 6B

620

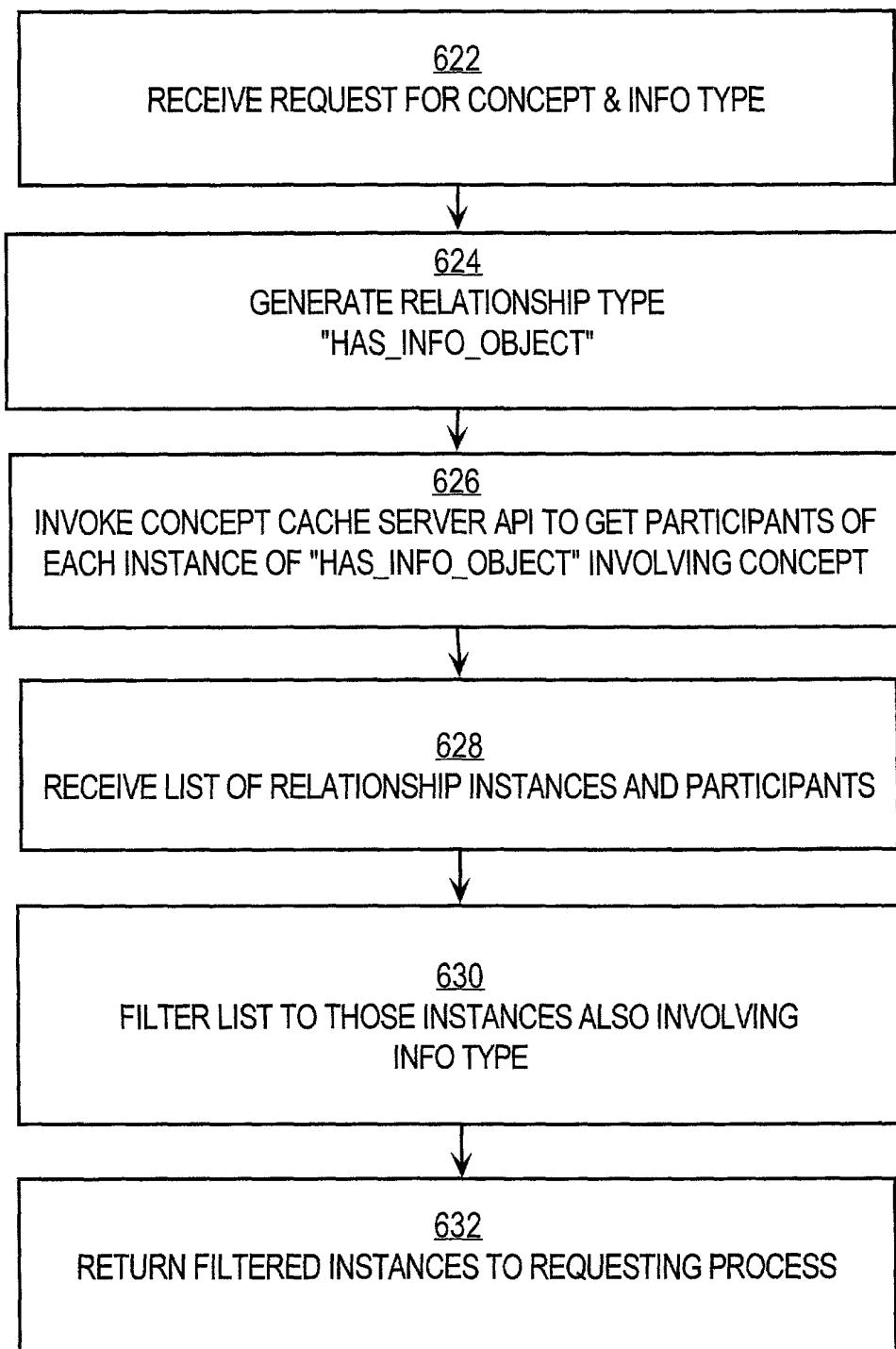


FIG. 6C

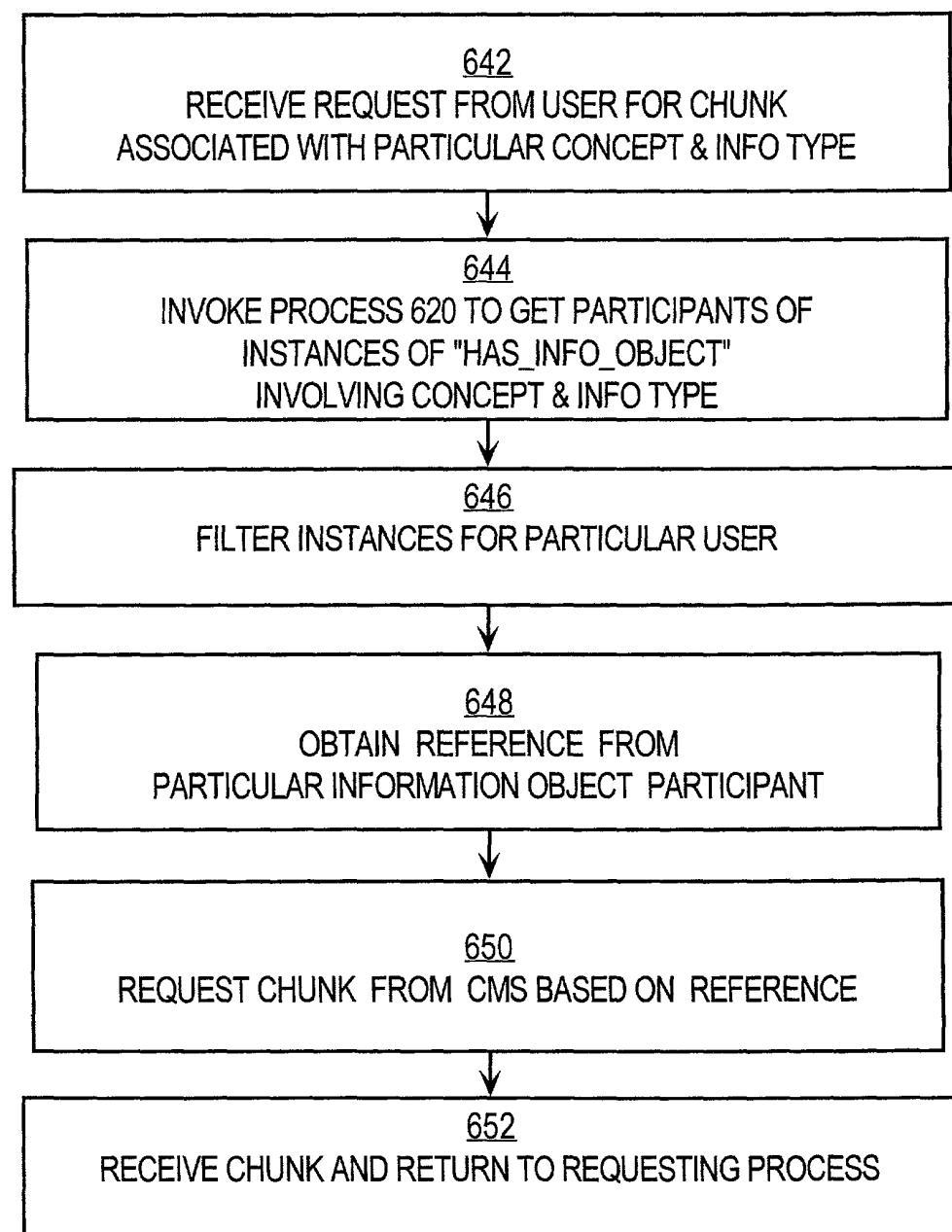


FIG. 7

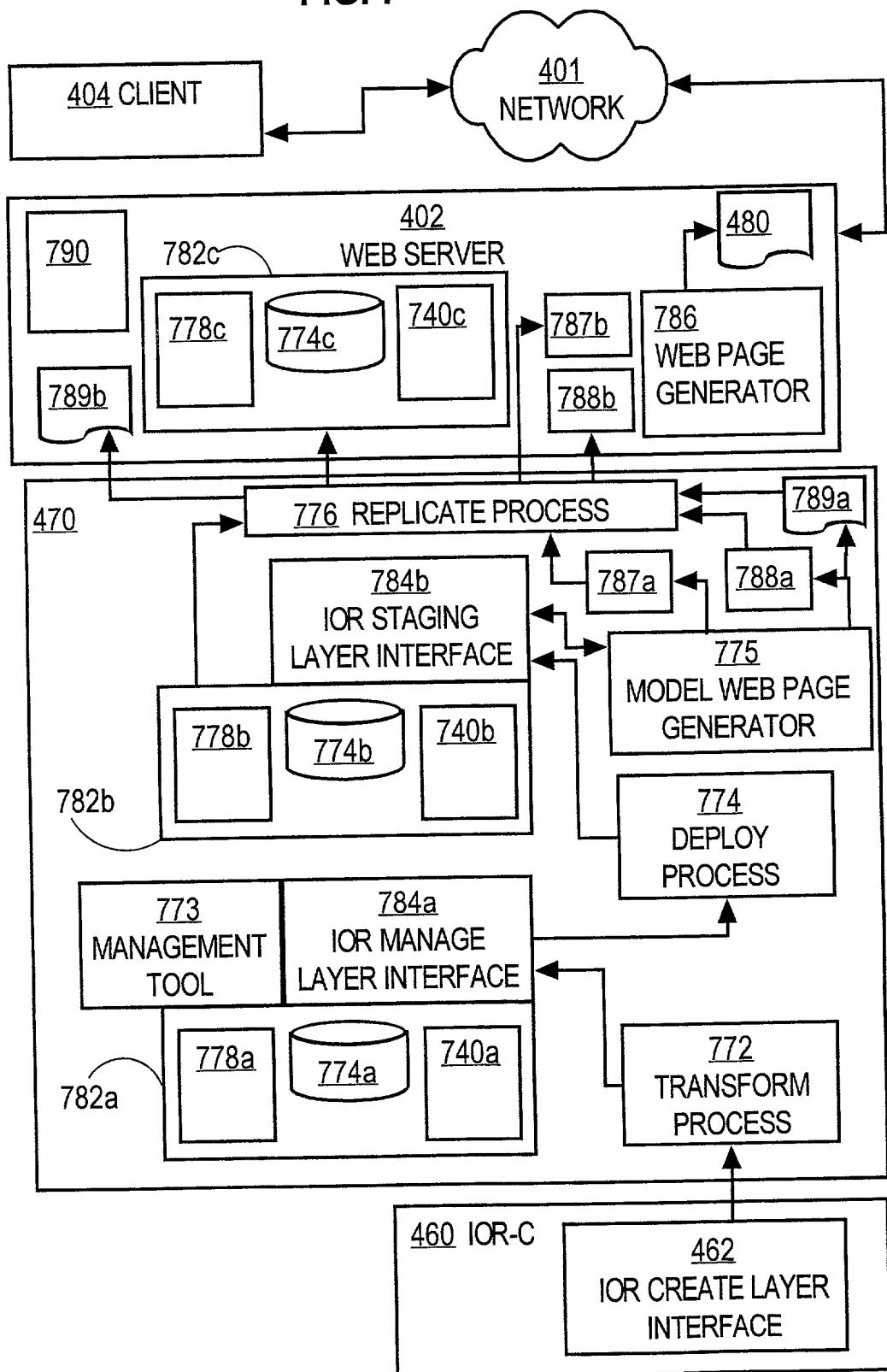


FIG. 8A

810

812

RECEIVE USER PROFILE AND RETURN STATIC PAGE WITH
CONCEPT CATEGORIES

820

822

RECEIVE CONCEPT SELECTION FROM USER



824

OBTAINT URL OF INFORMATION CHUNK FOR
INTRODUCTION INFO TYPE, CONCEPT & USER
AND RETRIEVE INFORMATION CHUNK



826

FIND OTHER INFO TYPES INSTANCES
(FOR CONCEPT AND USER)



828

FIND INSTANCES OF DOCUMENT TYPES
RELATED TO OTHER INFO TYPES INSTANCES



830

GENERATE AND SEND WEB PAGE DISPLAYING CONCEPT NAME,
INFORMATION CHUNK FOR INTRO TO CONCEPT,
SELECTABLE LIST OF OTHER INFO TYPE INSTANCES,
SELECTABLE LIST OF DOC TYPE INSTANCES, AND
SELECTABLE LIST OF NEXT CONCEPTS IN HIERARCHY

FIG. 8C

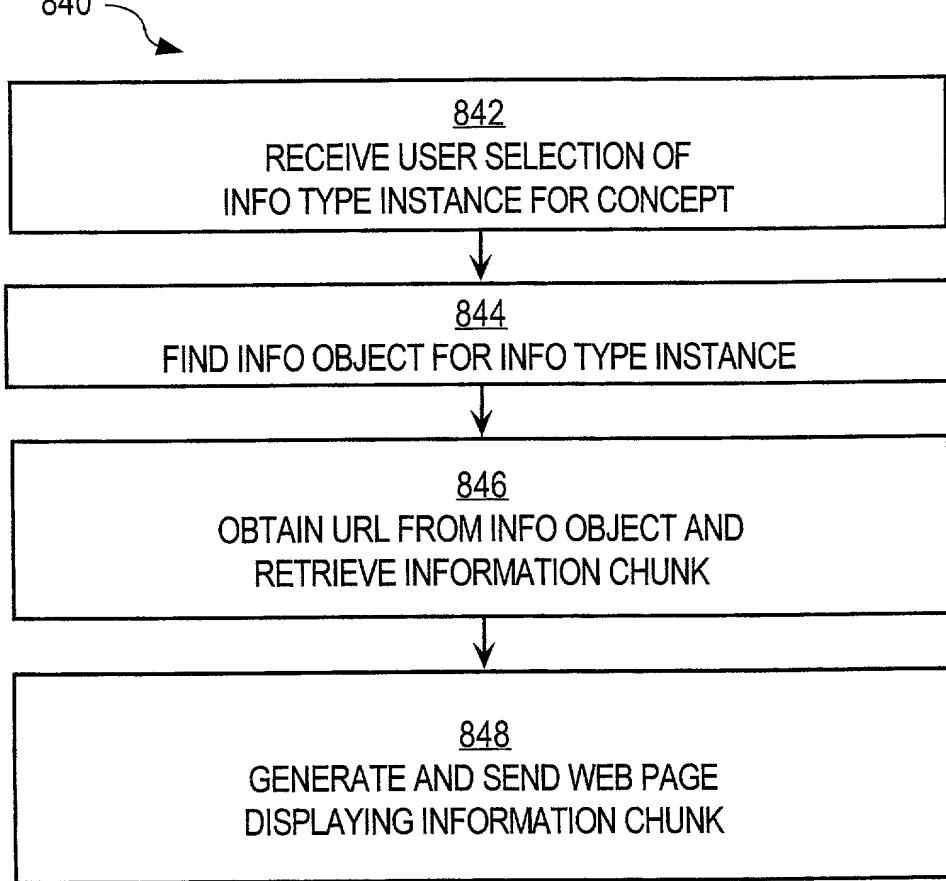


FIG. 8D

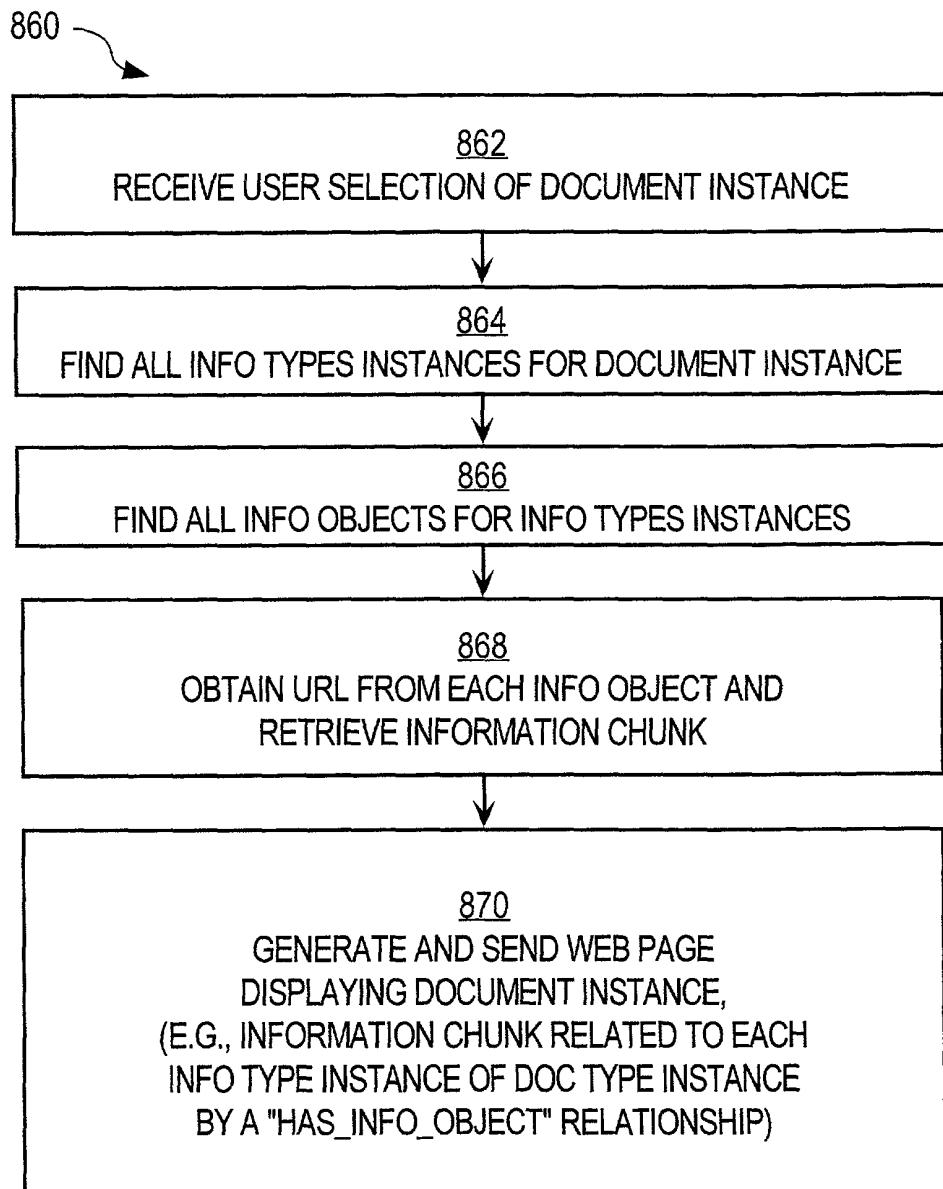


FIG. 8E

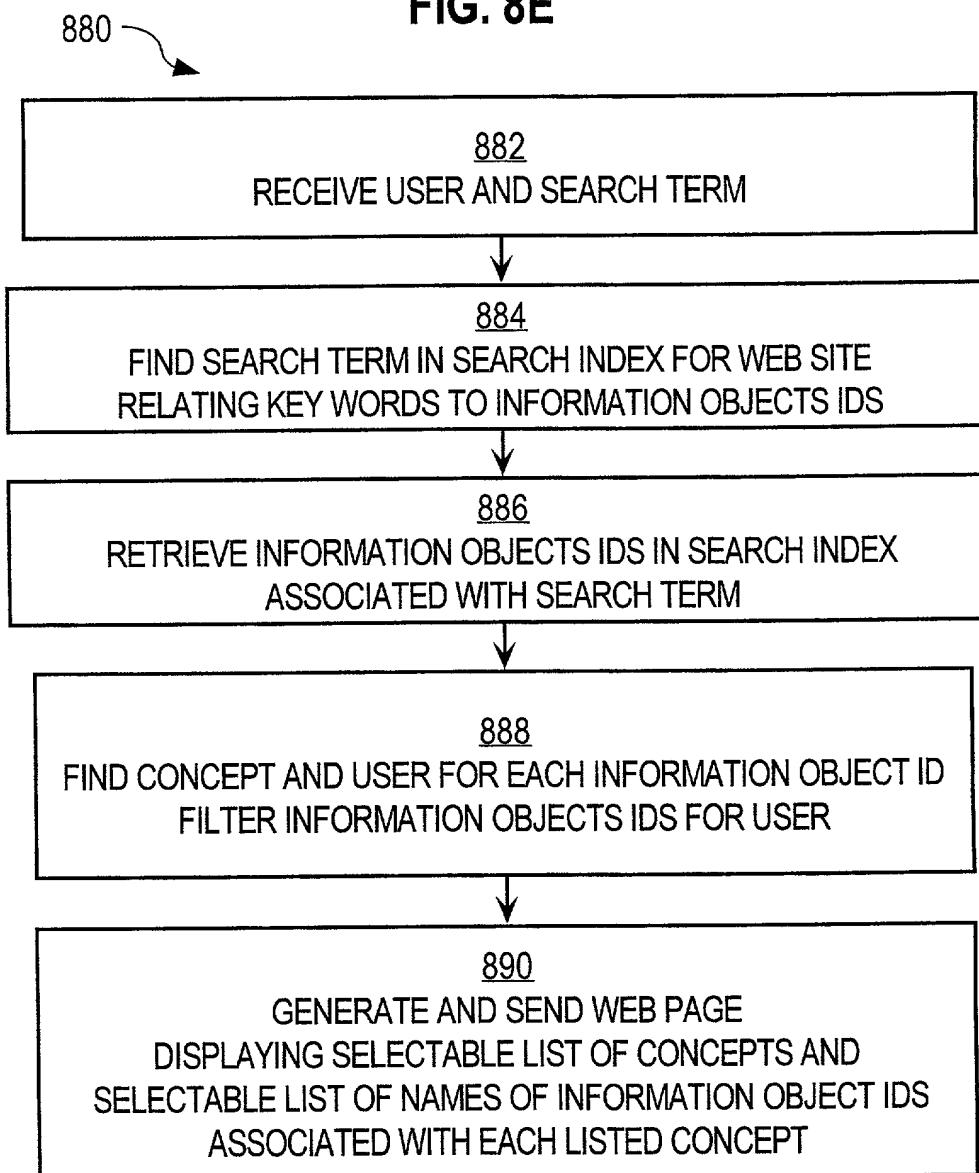


FIG. 8F

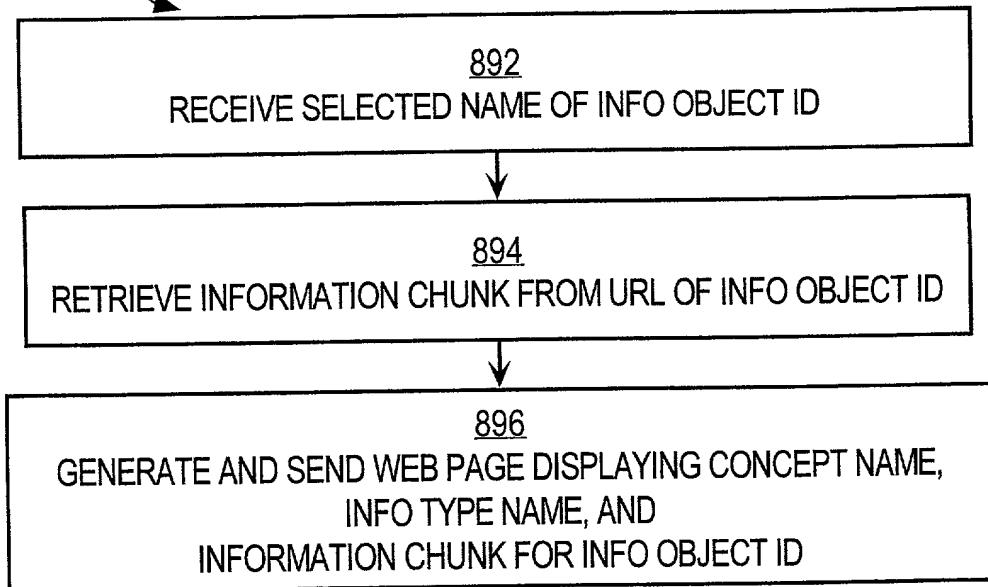


FIG. 9A

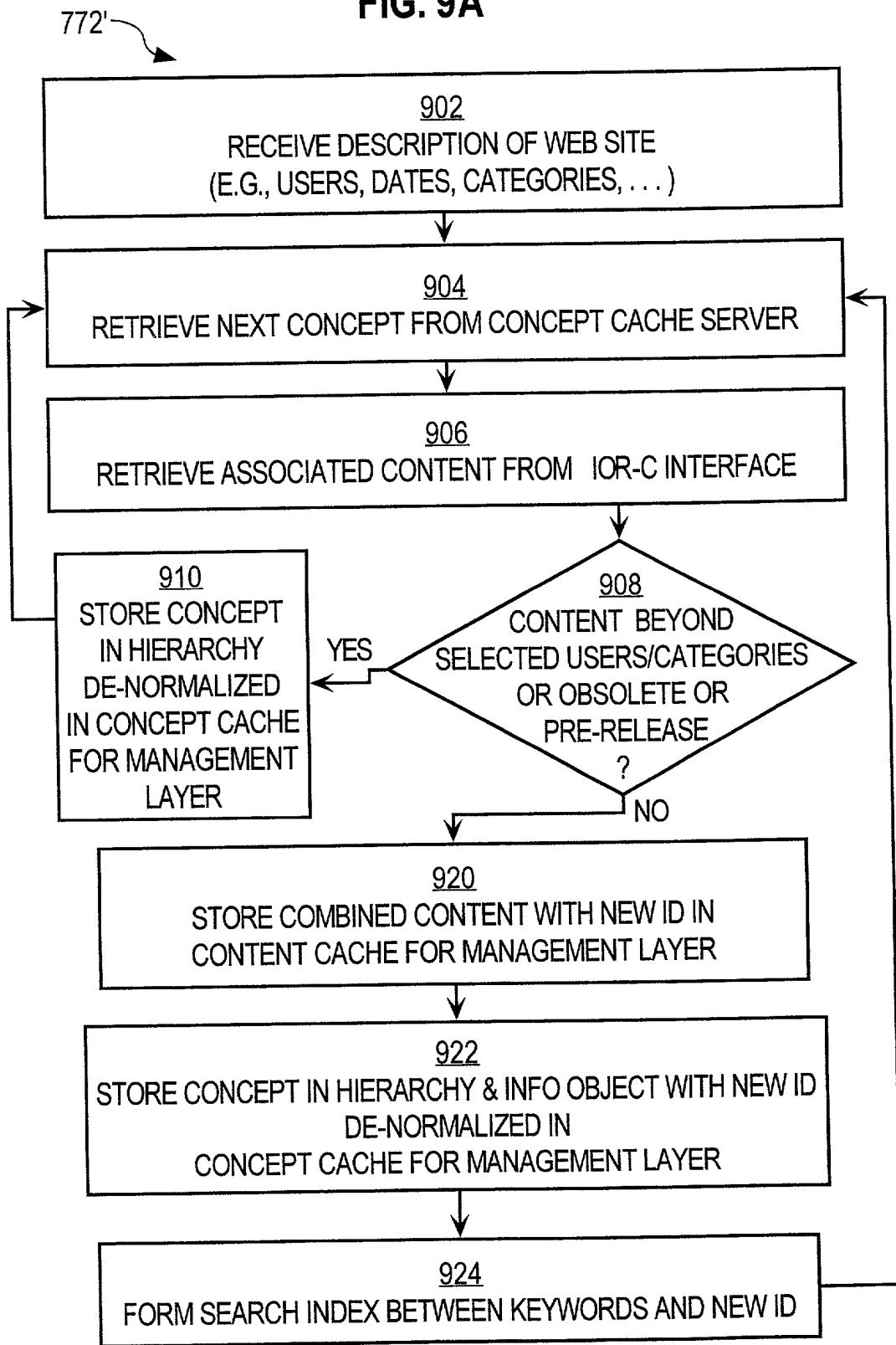


FIG. 9B

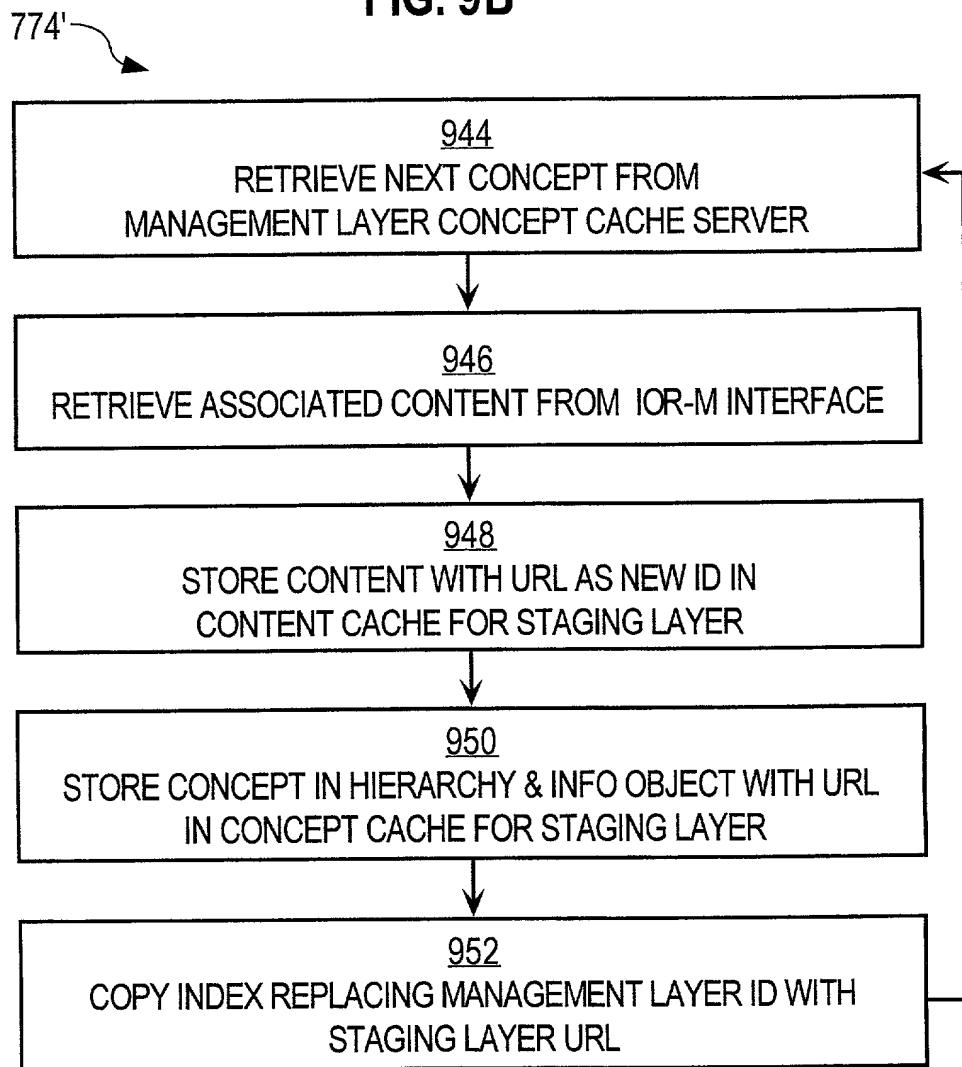


FIG. 9C

775'

962

MODEL AND PREVIEW WEB PAGES FOR WEB SITE

964

RENDER STATIC PAGES FOR WEB SITE

966

ENSURE EVERY CHUNK HAS INFO OBJECT AND
RELATIONSHIP TO ANOTHER CONCEPT

968

VIEW AND EDIT CHUNKS

970

TEST LOAD ON SERVER FOR GENERATING WEB PAGES

972

EDIT INDEX ENTRIES OF SEARCH INDEX

FIG. 10

